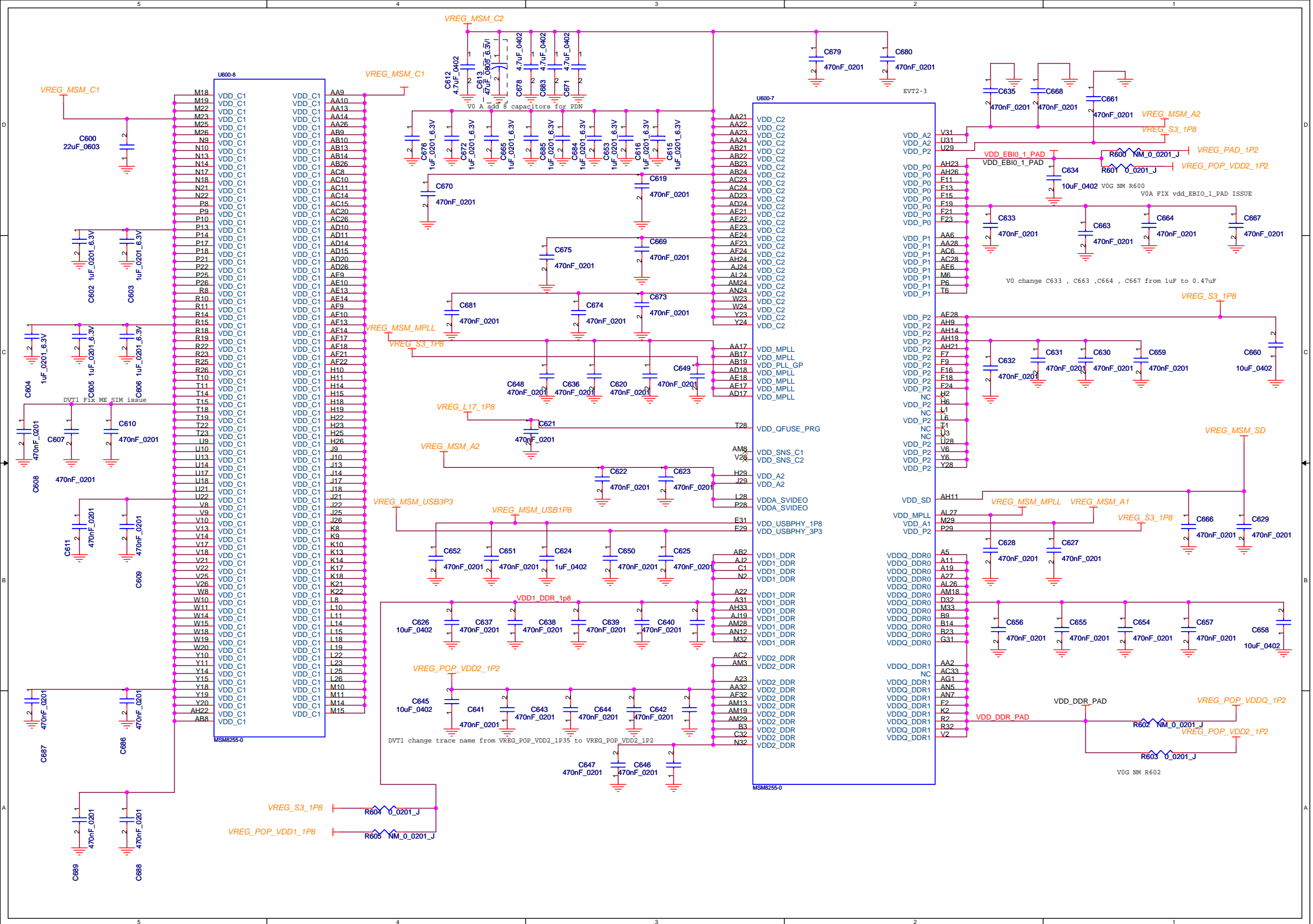
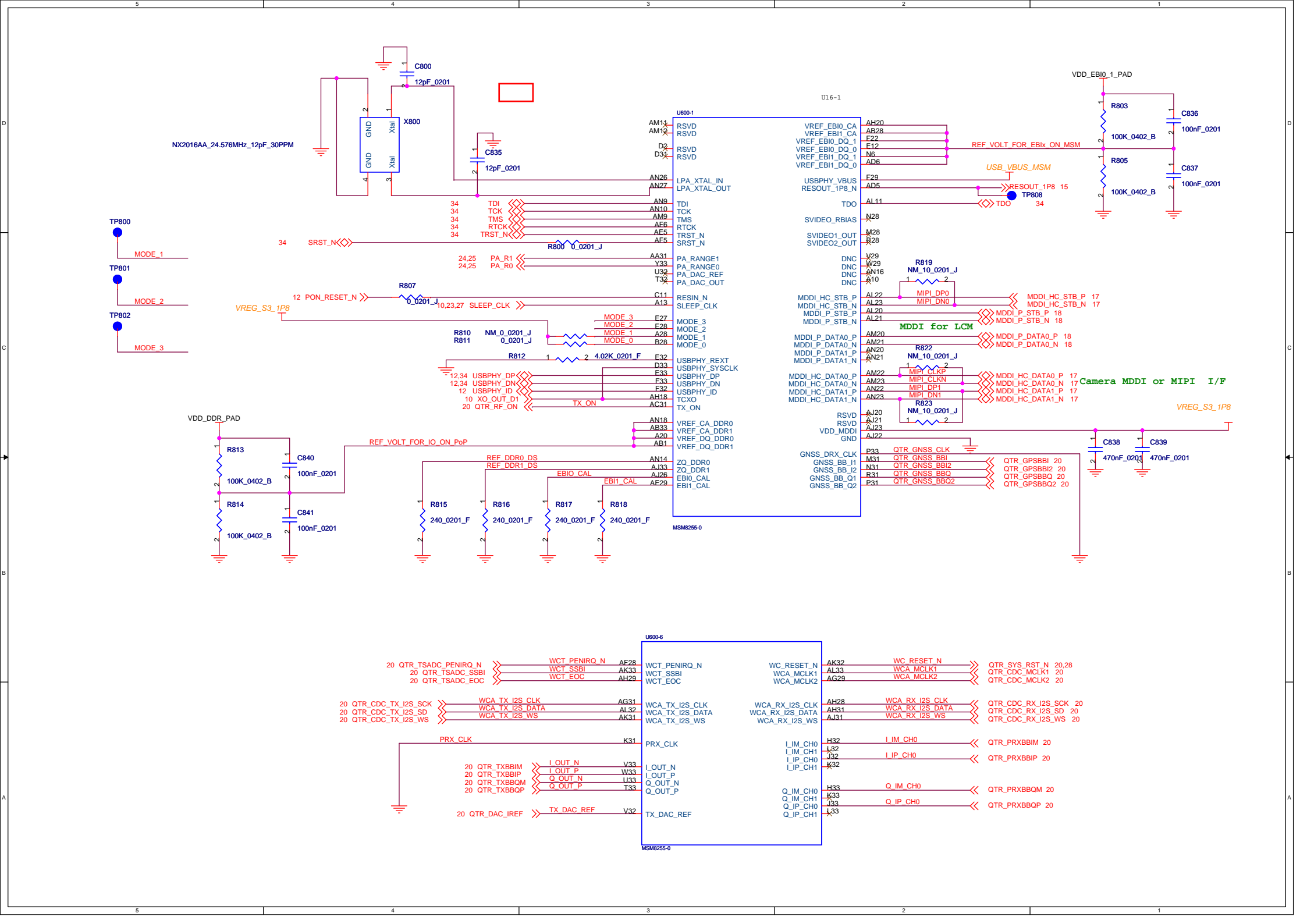


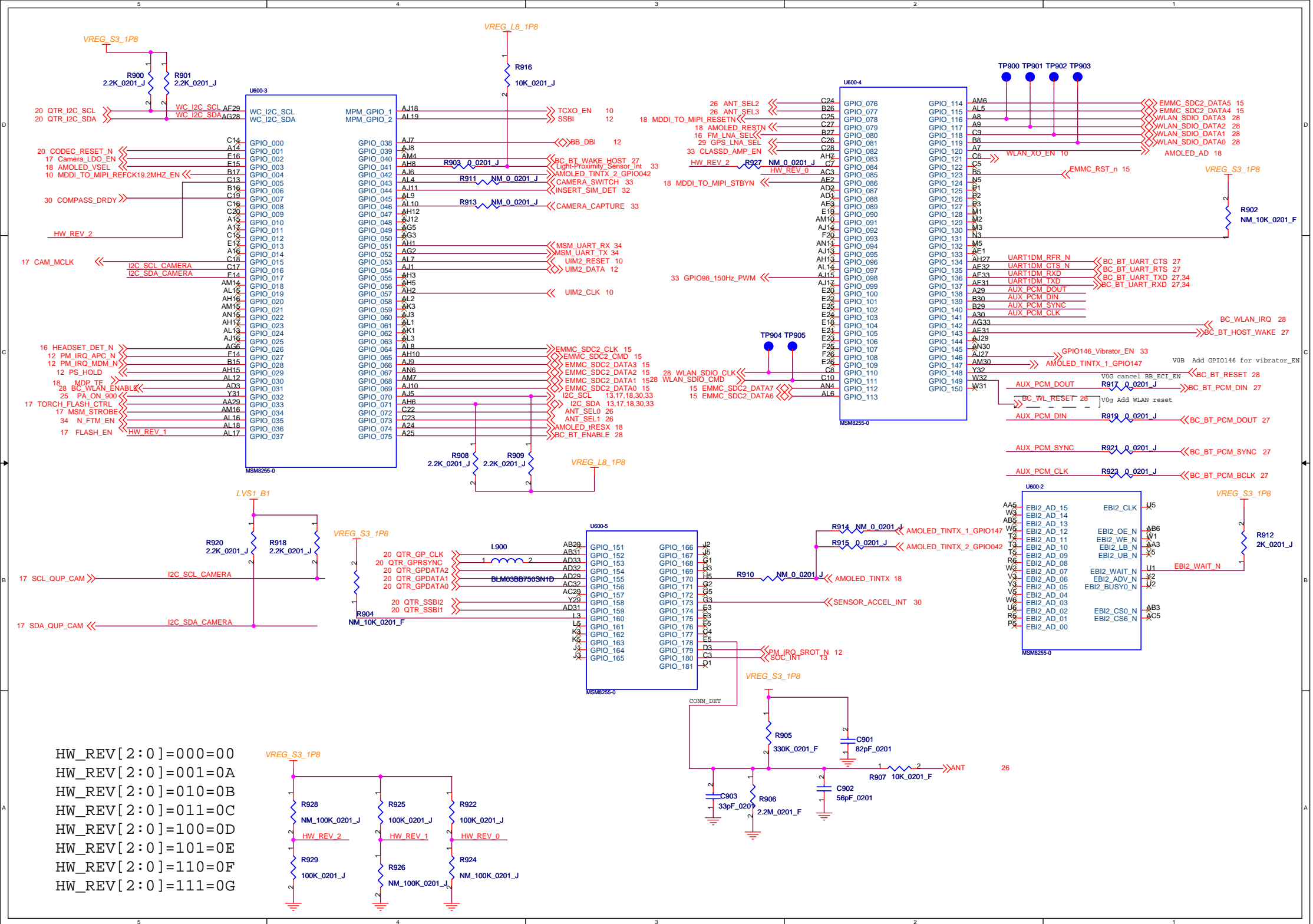
Service Schematics RM-801

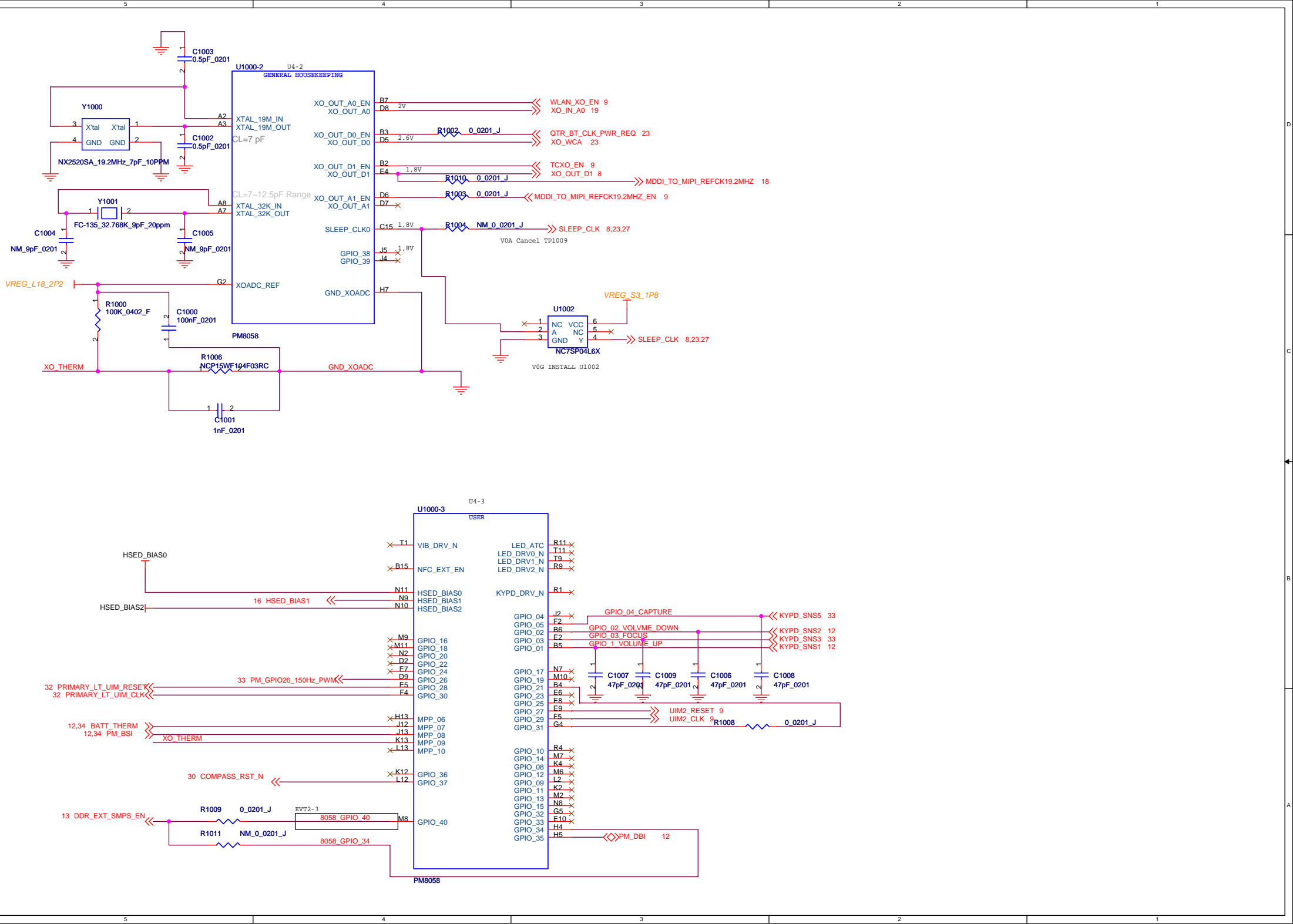
Contain

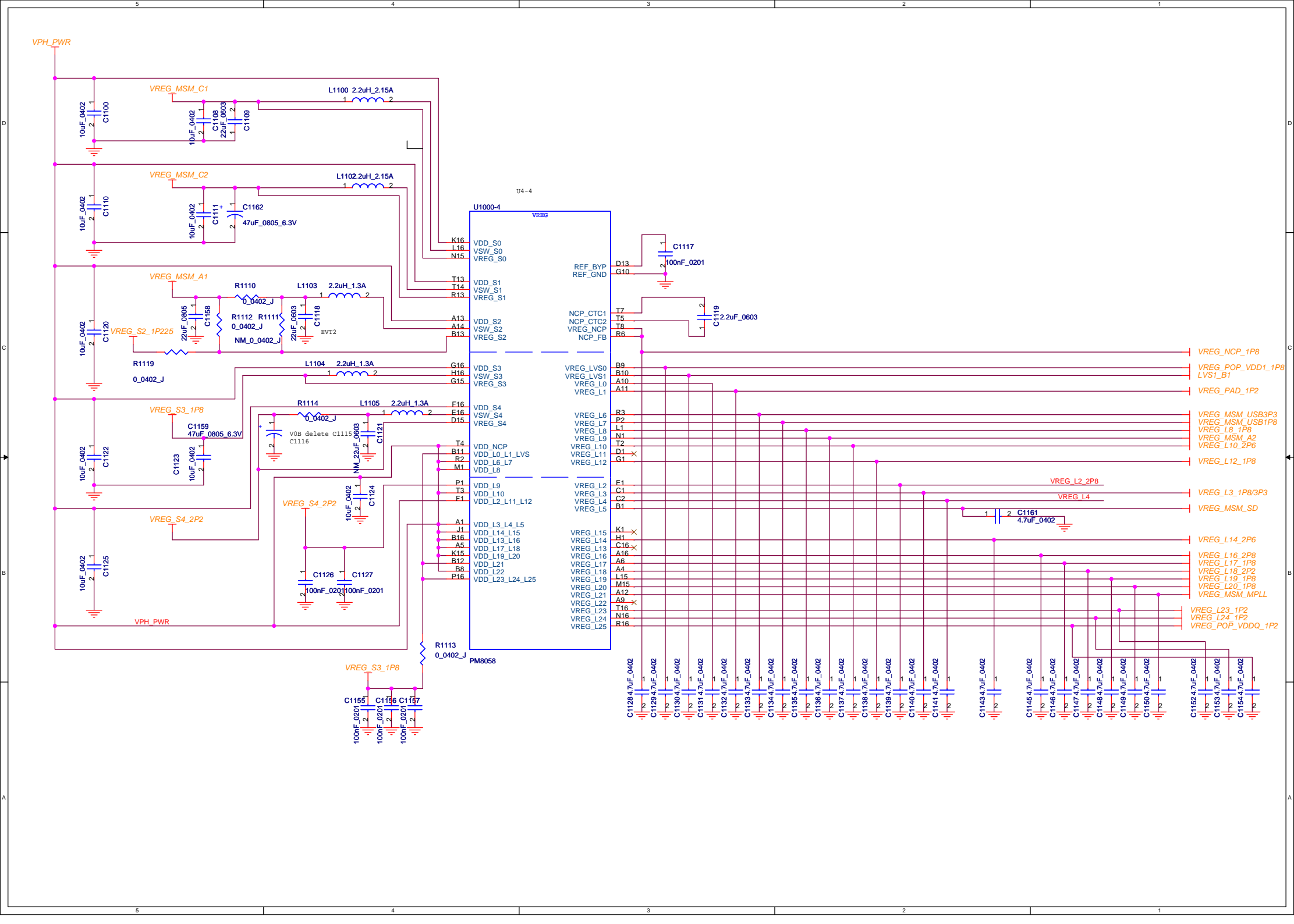
1. Baseband power
2. Baseband High speed signal
3. Baseband GPIO
4. PMIC clock and GPIO
5. PMIC internal SW LDO and LDO
6. PMIC charger and battery circuit
7. External SWLDO and Gauge
8. eMMC
9. Audio Circuit
10. Camera circuit
11. Display circuit
- 12~19 RF circuit
- 20~22 BT\FM\WIFI
- 23 G-sensor and E-compass
24. SIM
25. Vibrator, Side key, audio Jack , Light & proximity and Microphone Right & Speaker
26. Top placement
27. Bottom placement
28. Top side clock signal
29. Bottom side connector location

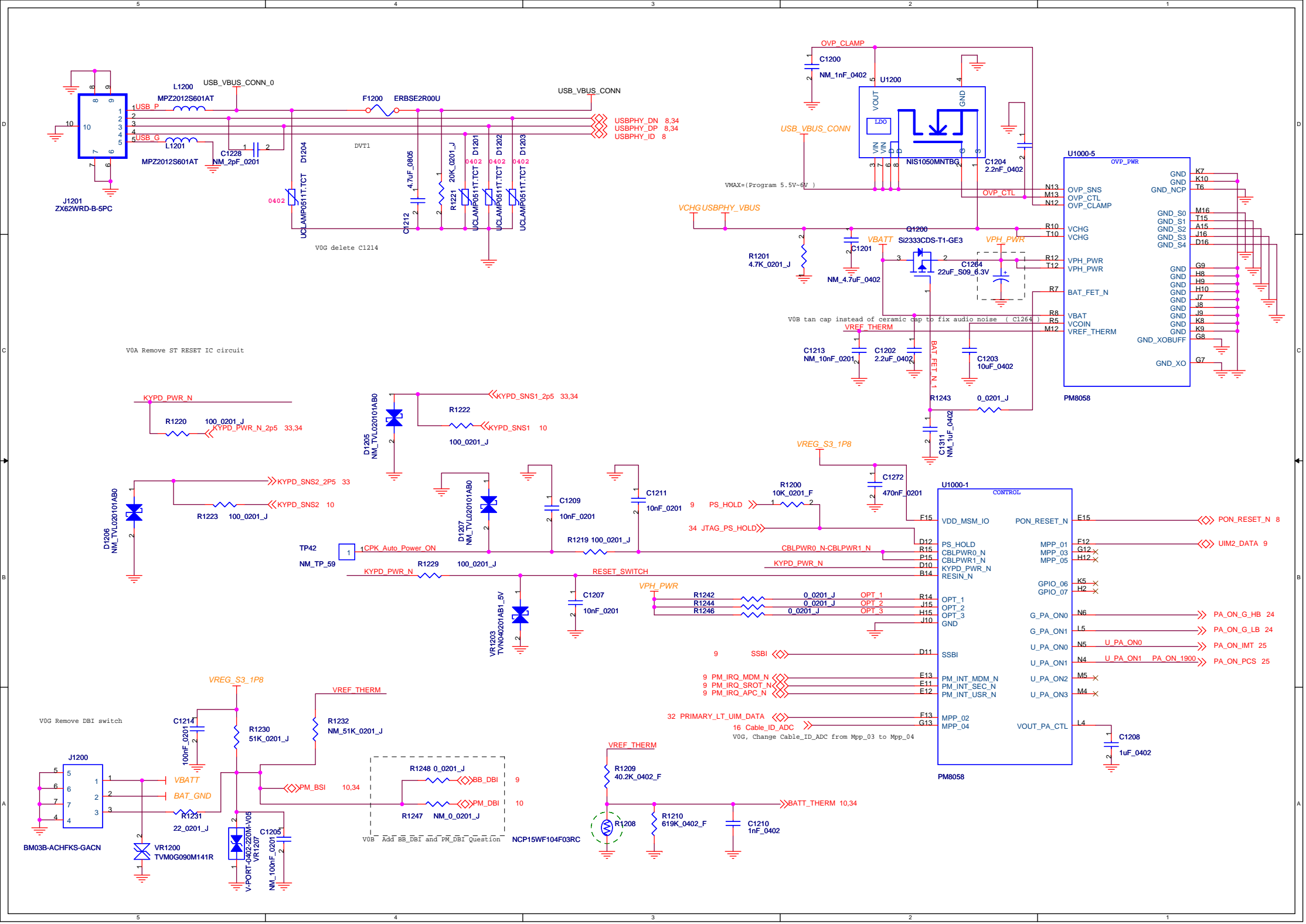


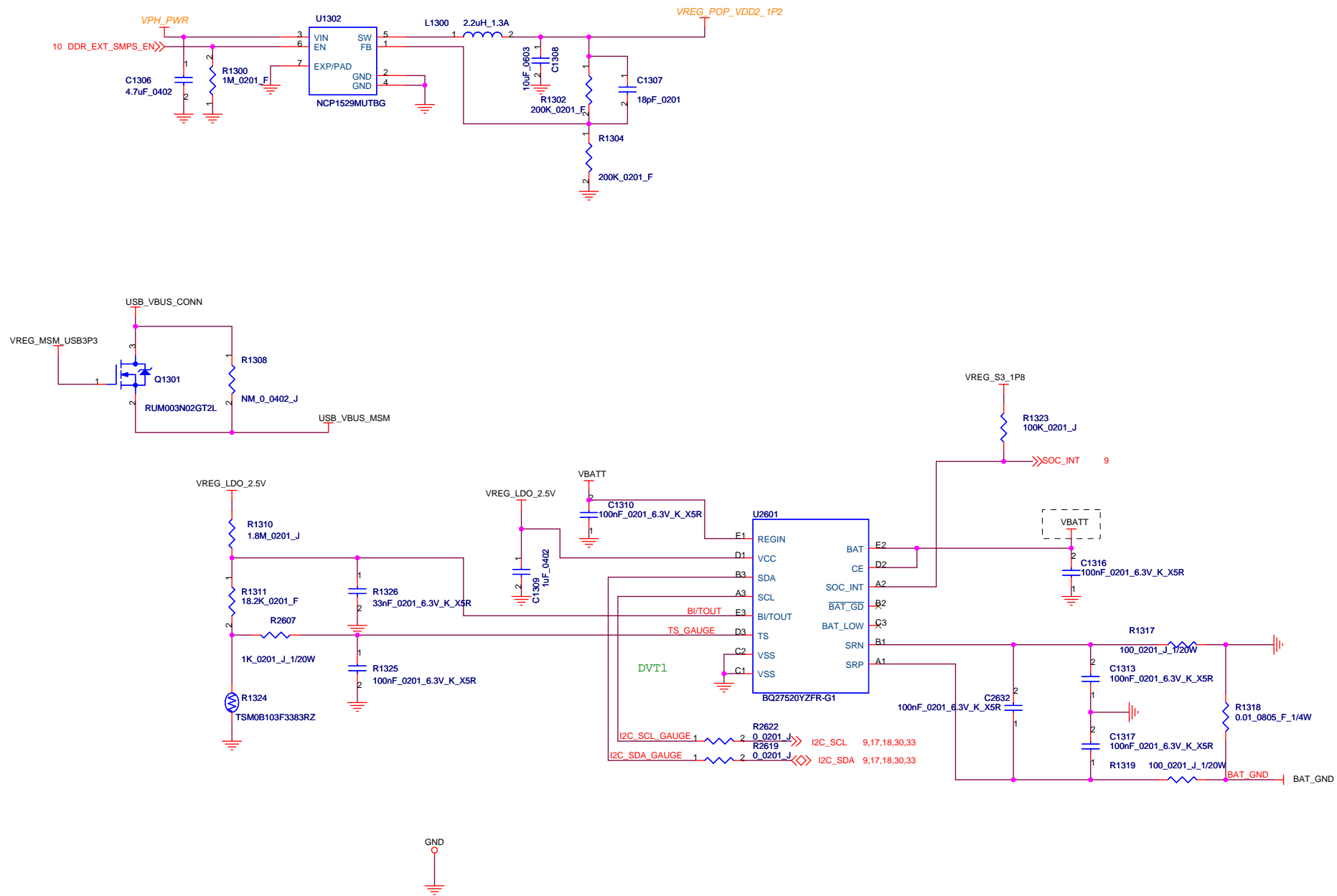


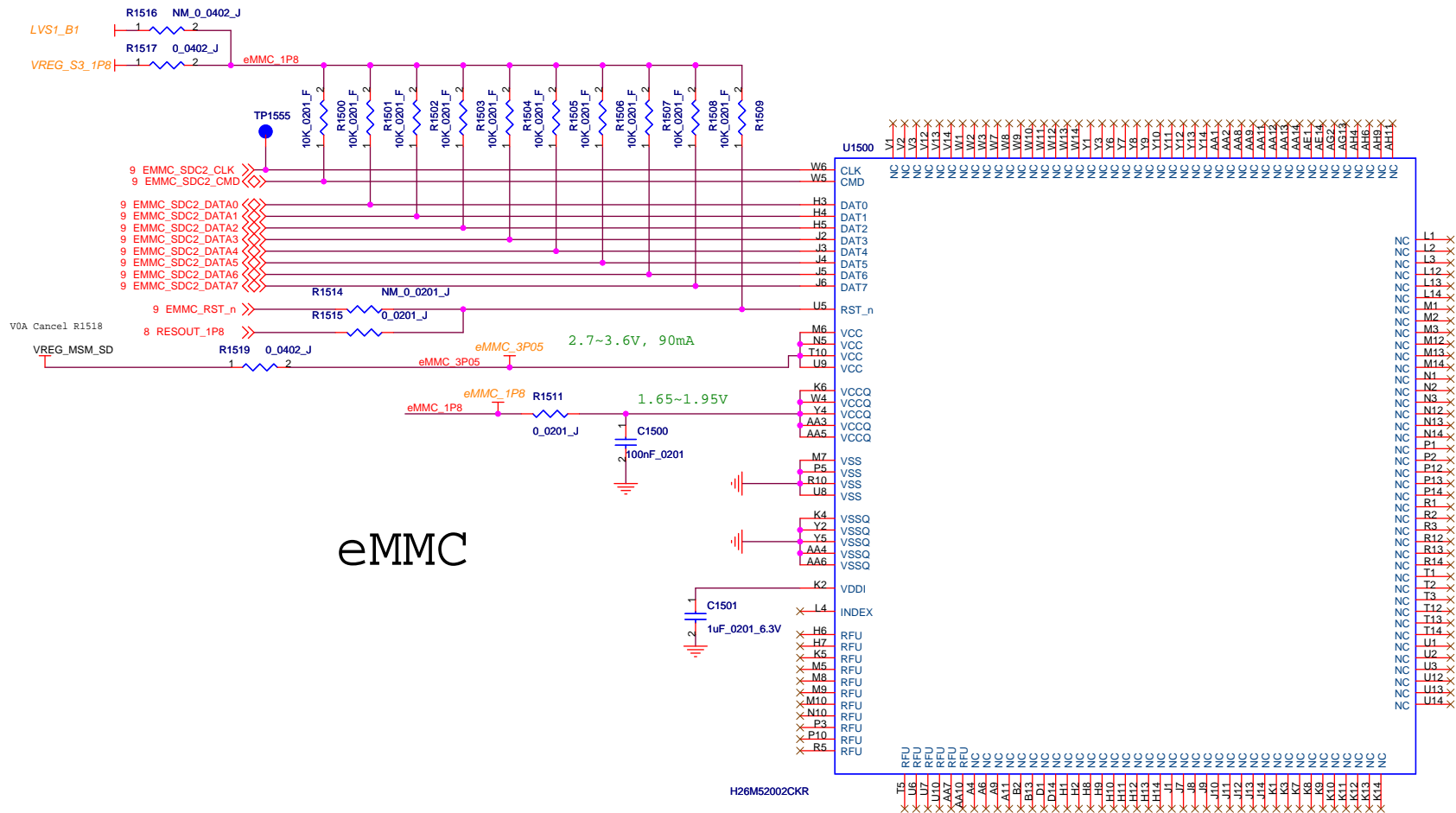






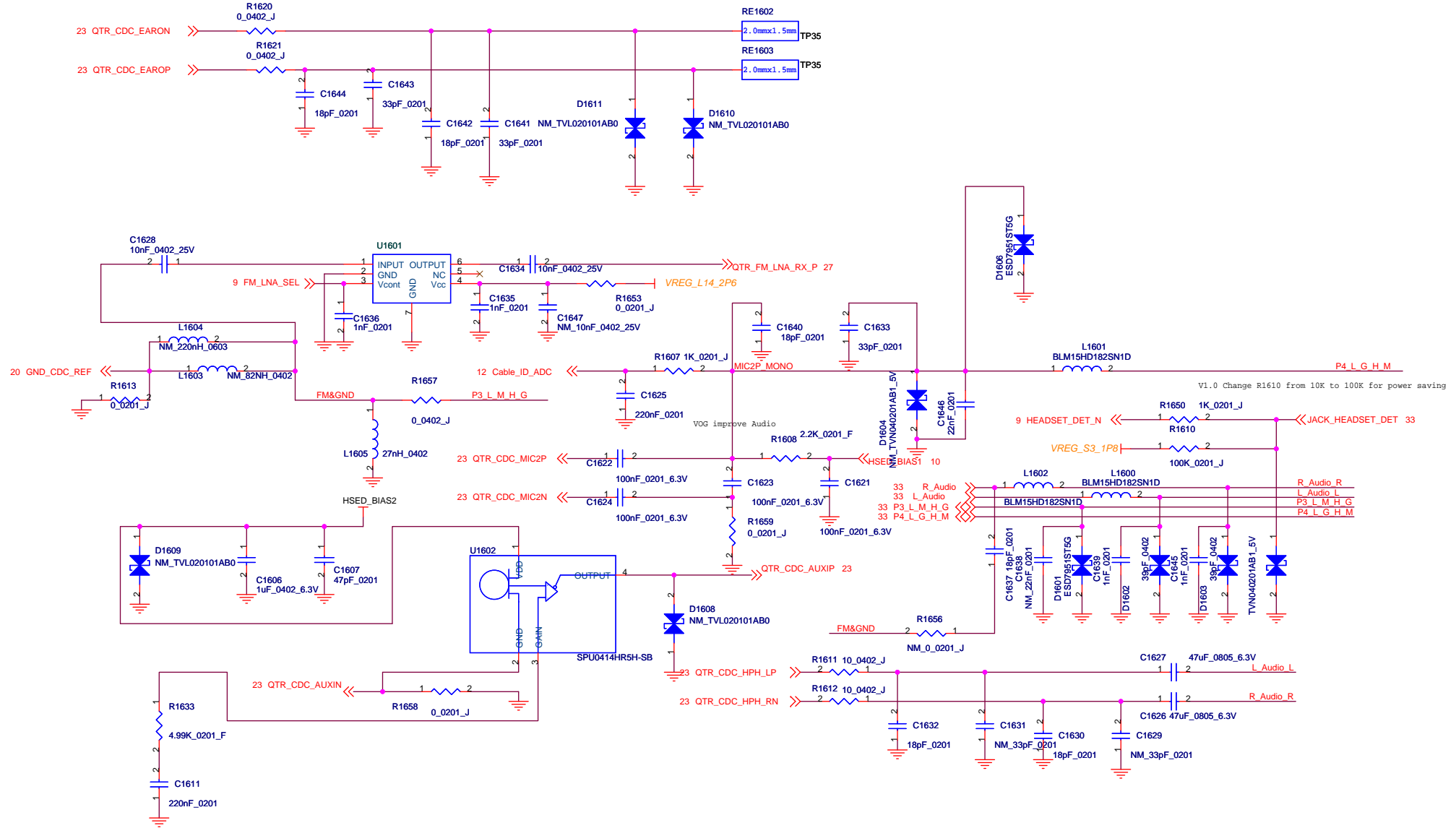


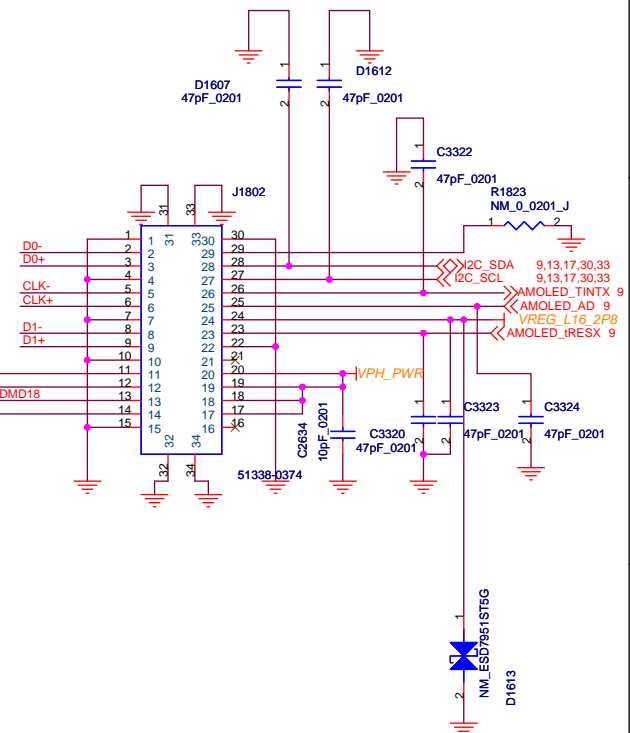
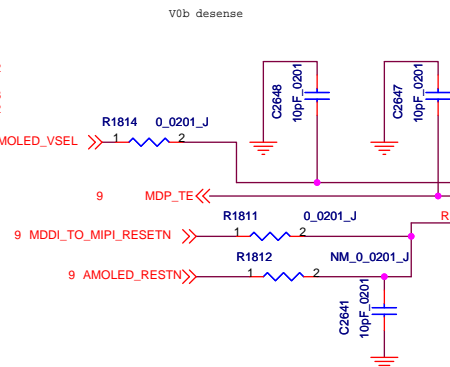
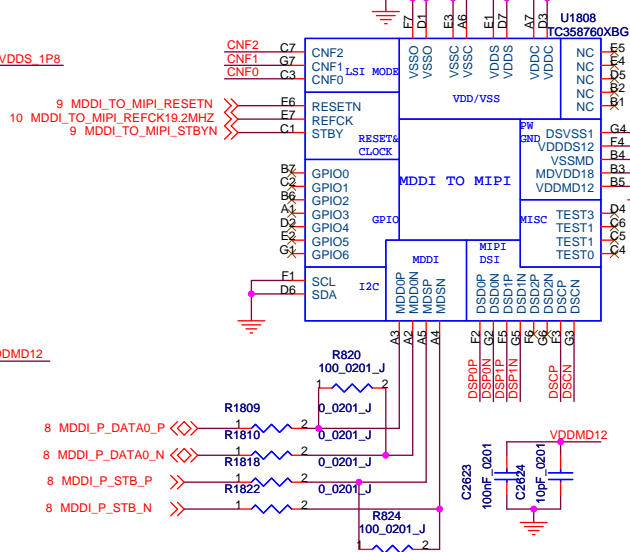
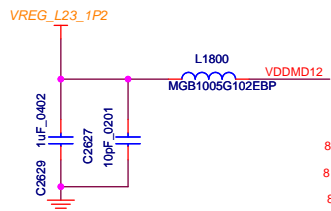
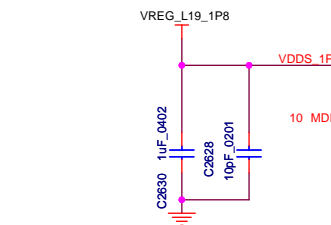
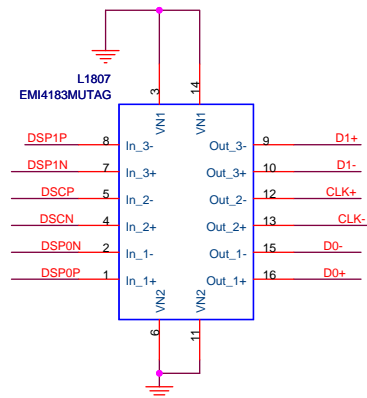
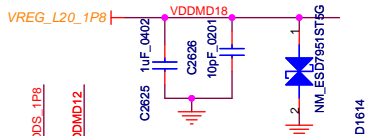
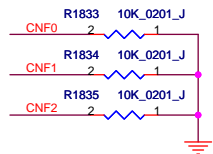


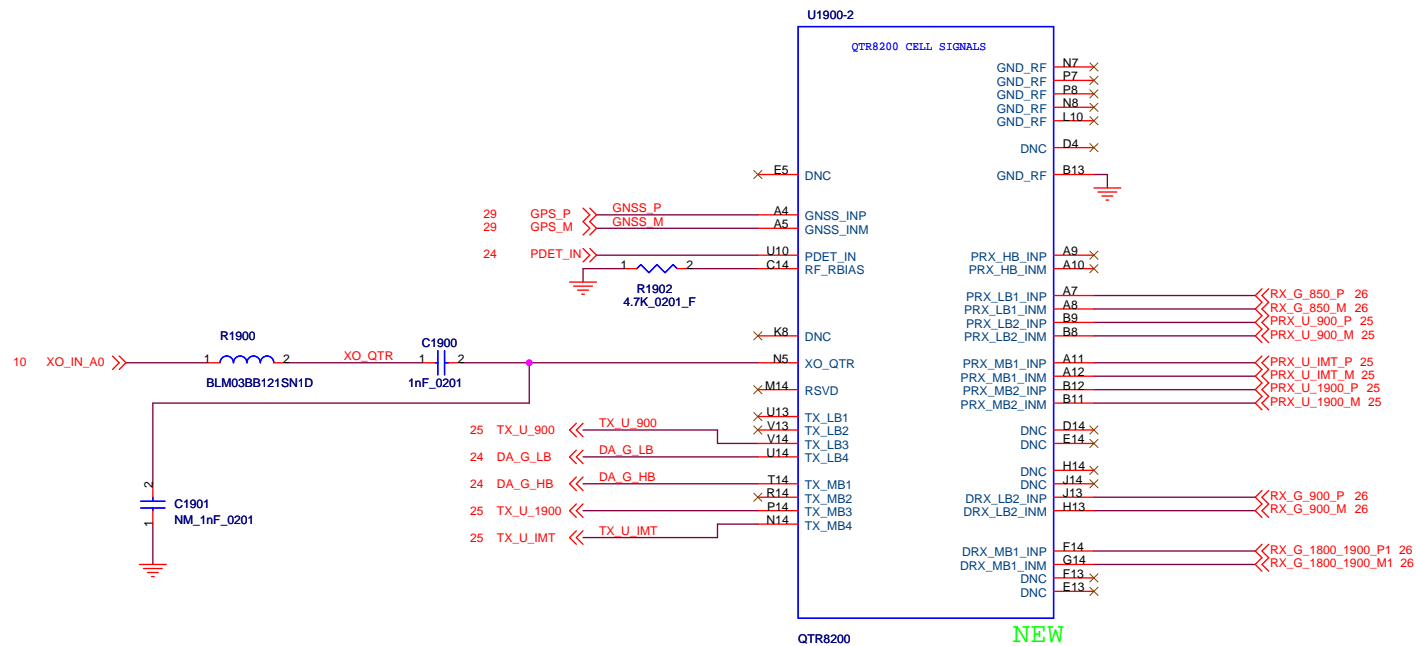


eMMC

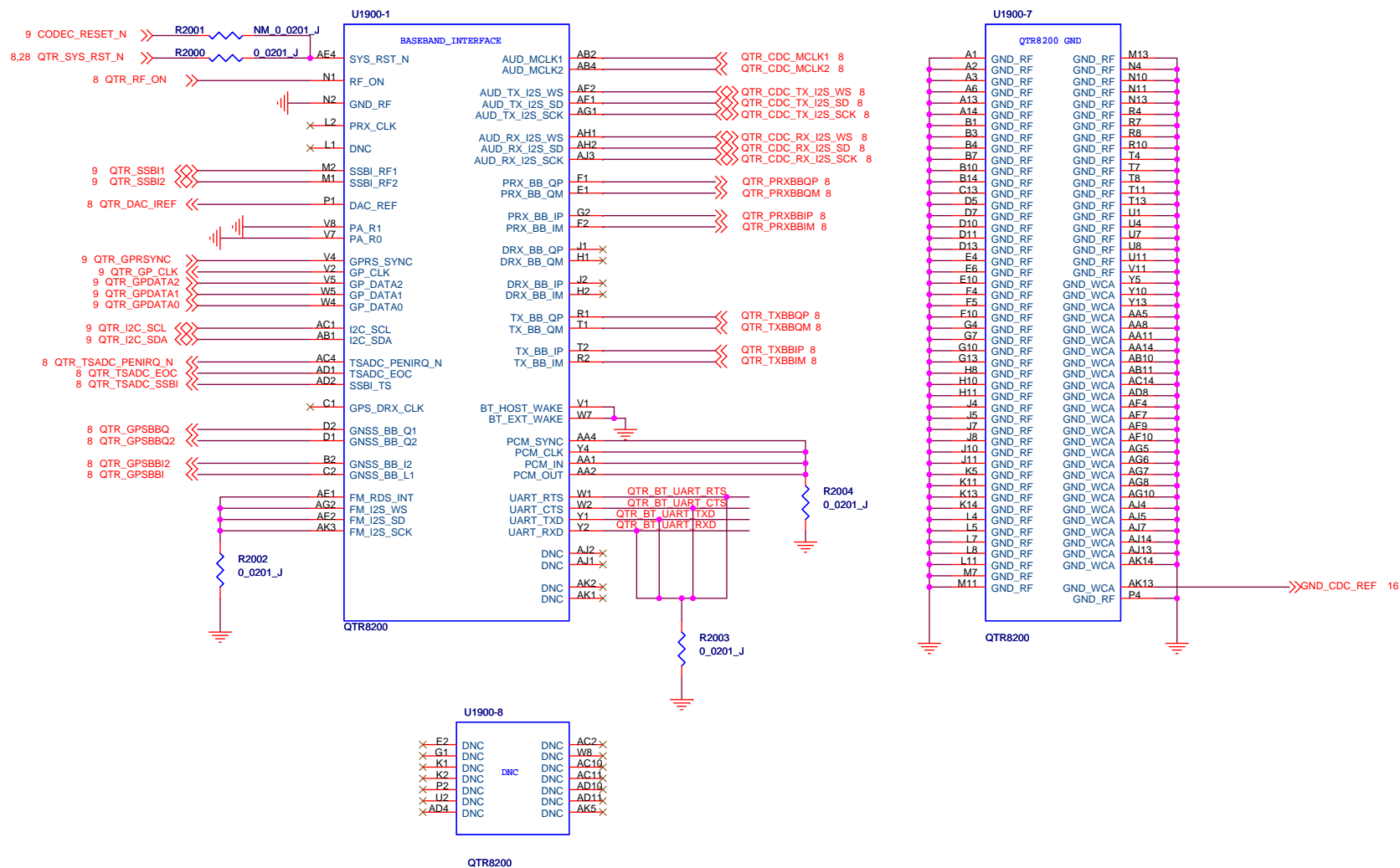
Reciever

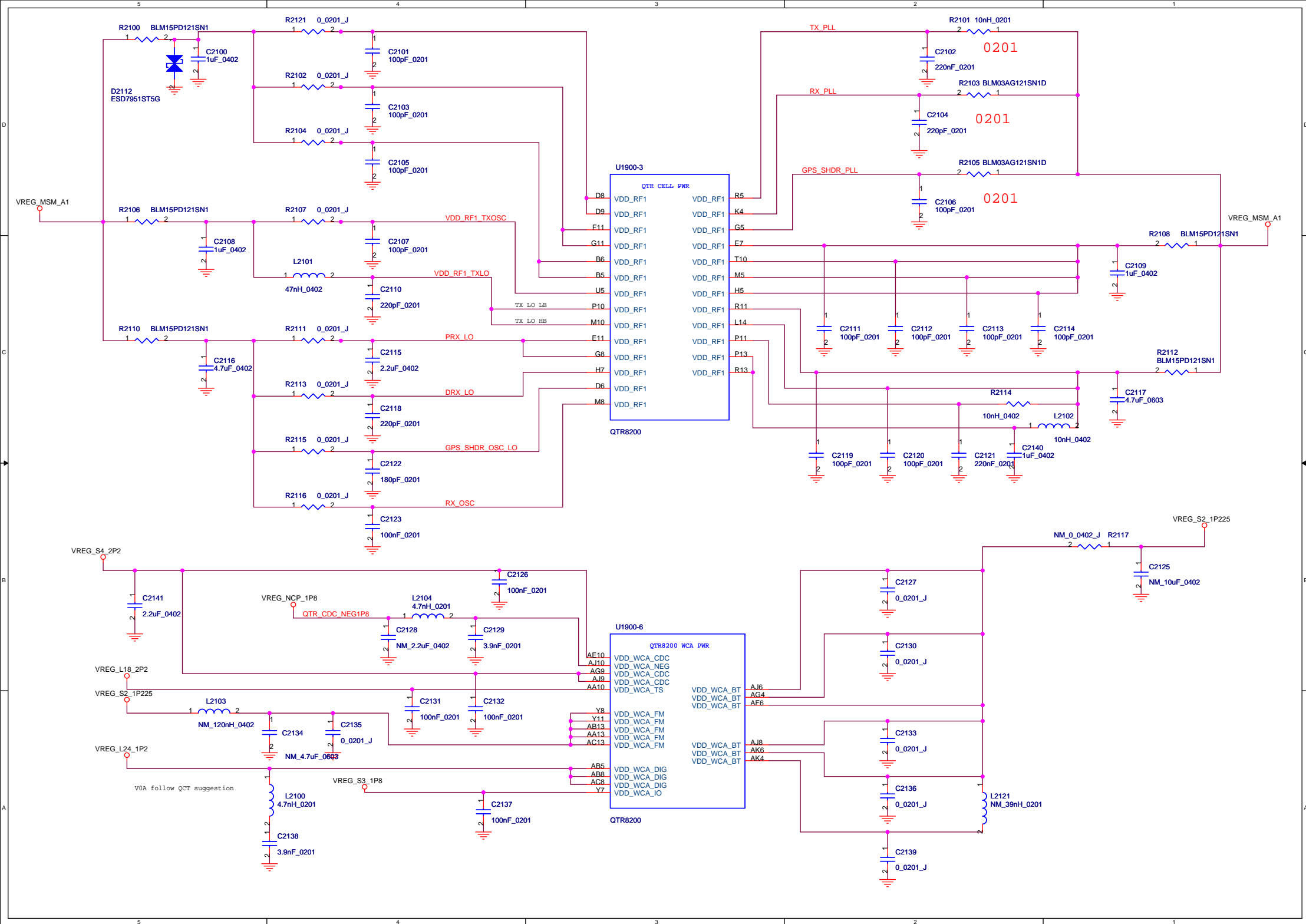


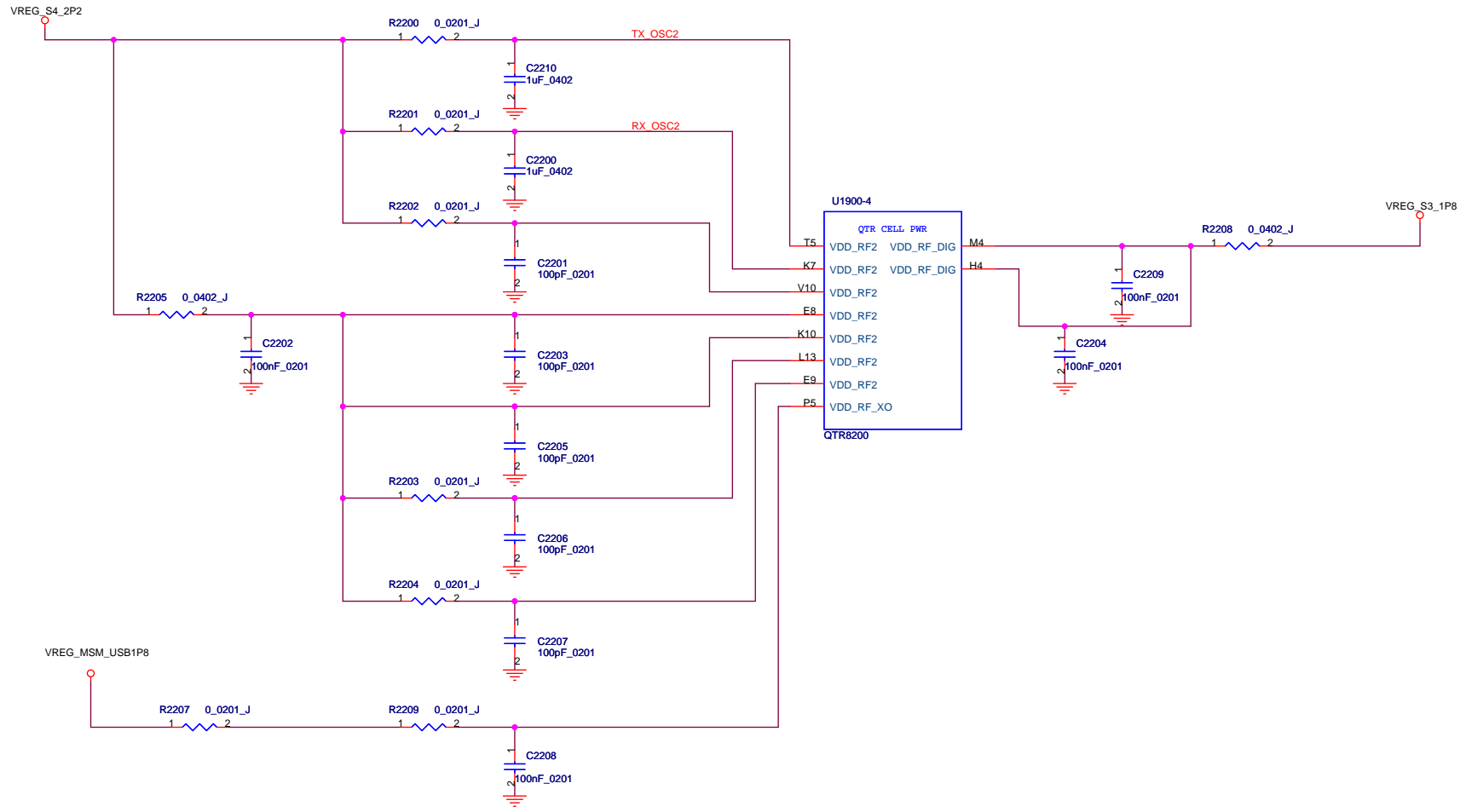


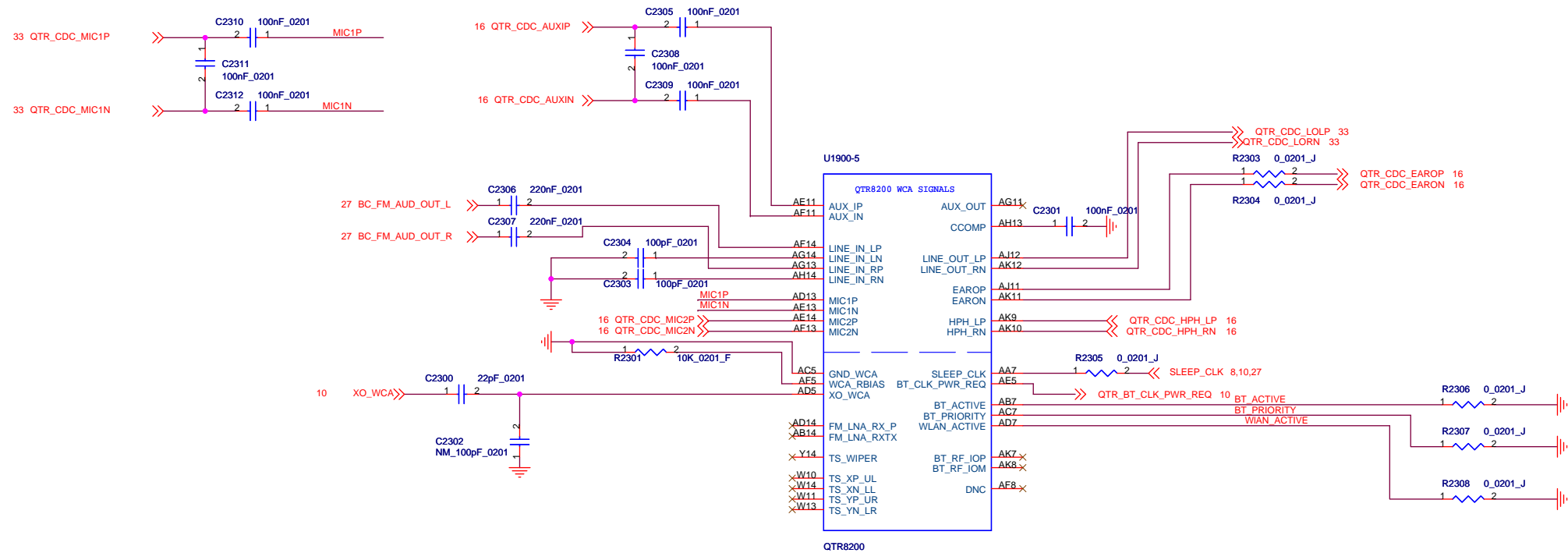


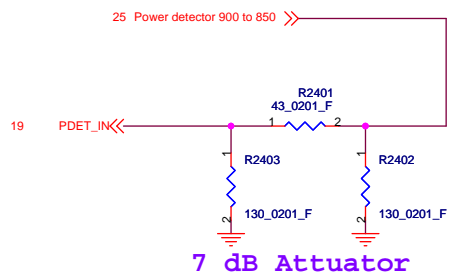
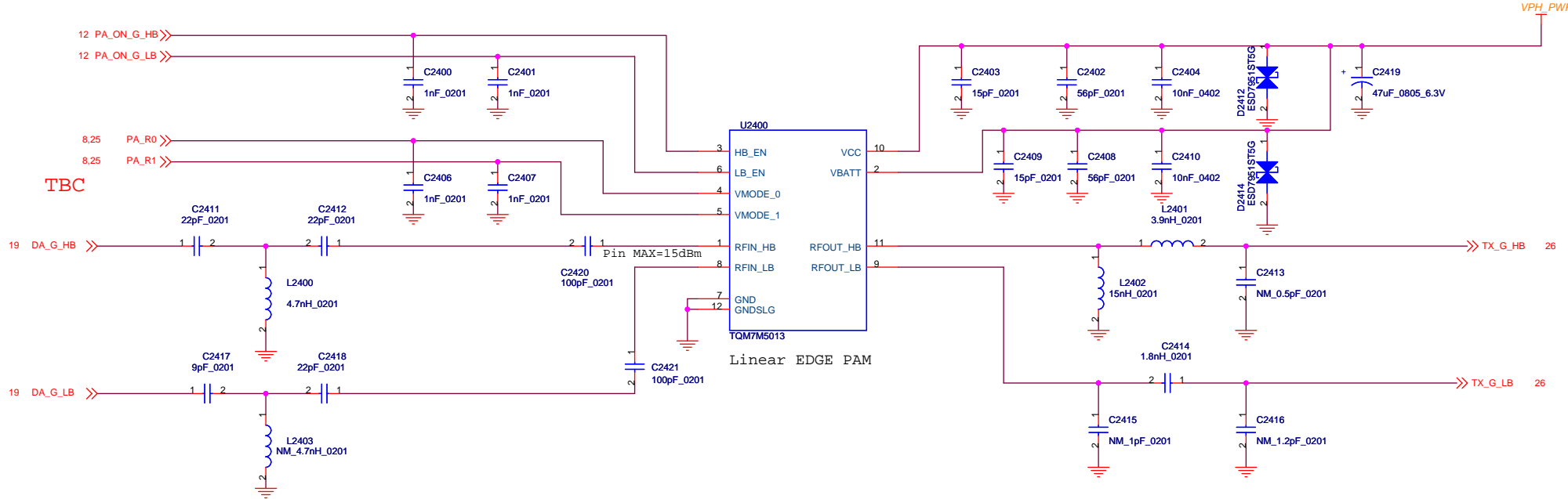
QTR LNA input and driver output pins have 1.3V DC present, attention must be paid to DC blocking requirements based on customer implementation of matching components, filters, PA's etc



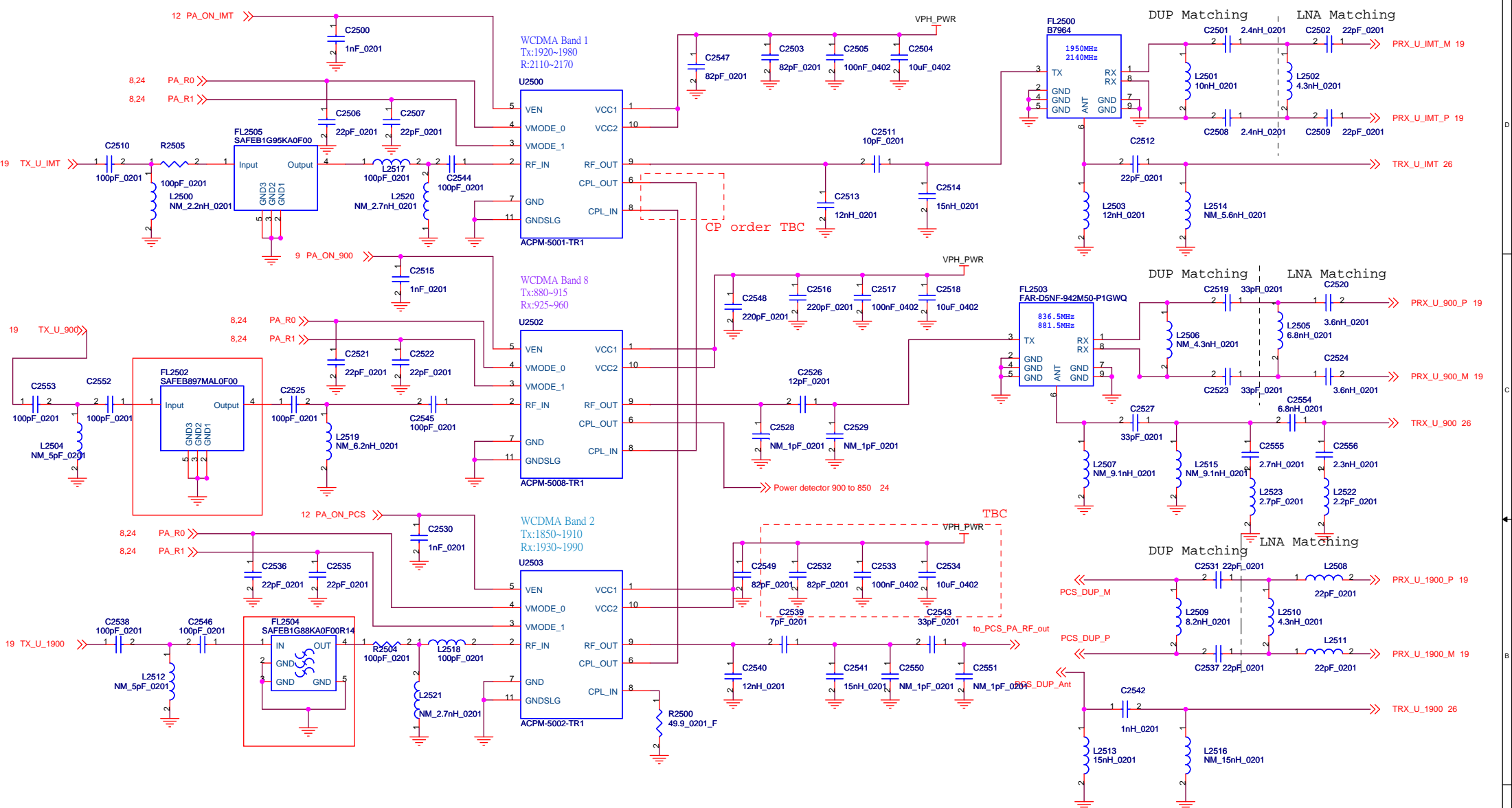




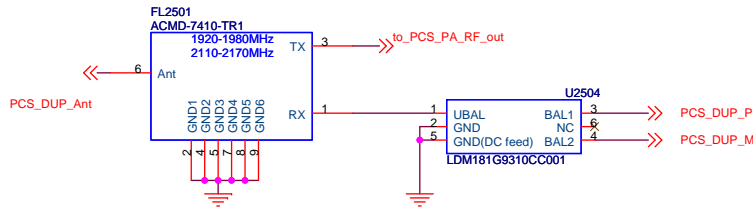


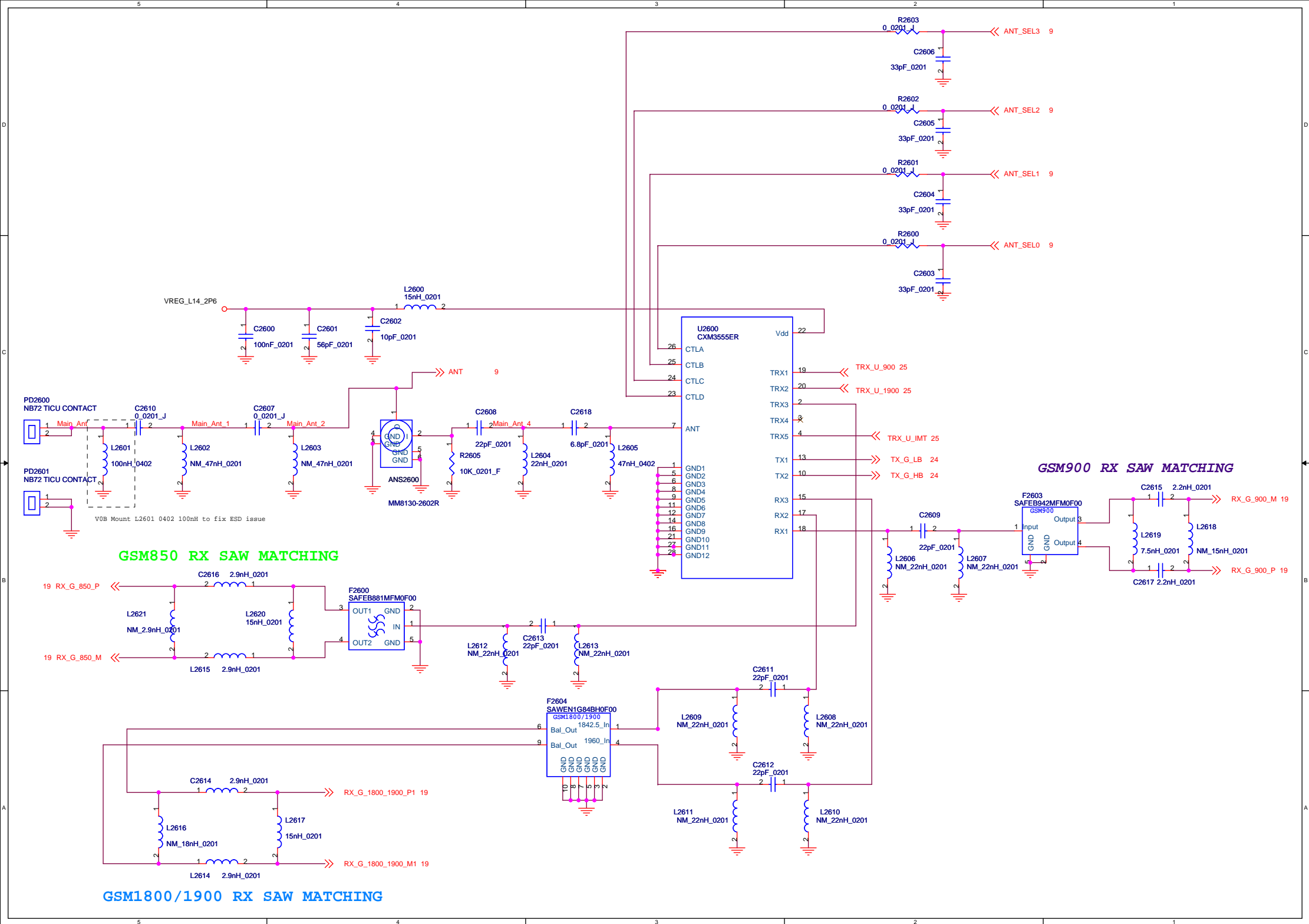


	POWER MODE	PA_ON_G_LB	PA_ON_G_HB	PA_R0	PA_R1
OFF MODE	POWER DOWN	L	L	X	X
LOW BAND	LB HIGH POWER	H	L	L	L
	LB MID POWER	H	L	L	H
	LB LOW POWER	H	L	H	L
	LB ULTRA LOW POWER	H	L	H	H
HIGH BAND	HB HIGH POWER	L	H	L	L
	HB LOW POWER	L	H	H	L
	HB ULTRA LOW POWER	L	H	H	H



POWER MODE	PA_R0	PA_R1
LOW POWER	H	H
MEDIUM POWER	H	L
HIGH POWER	L	X





SPRING

PD2755 NB72 TICU CONTACT

PD2754 NB72 TICU CONTACT

U2702 SKY13309-370LF

U2701B

BCM4329XKUBG_WLBGA

BT\FM\AUDIO

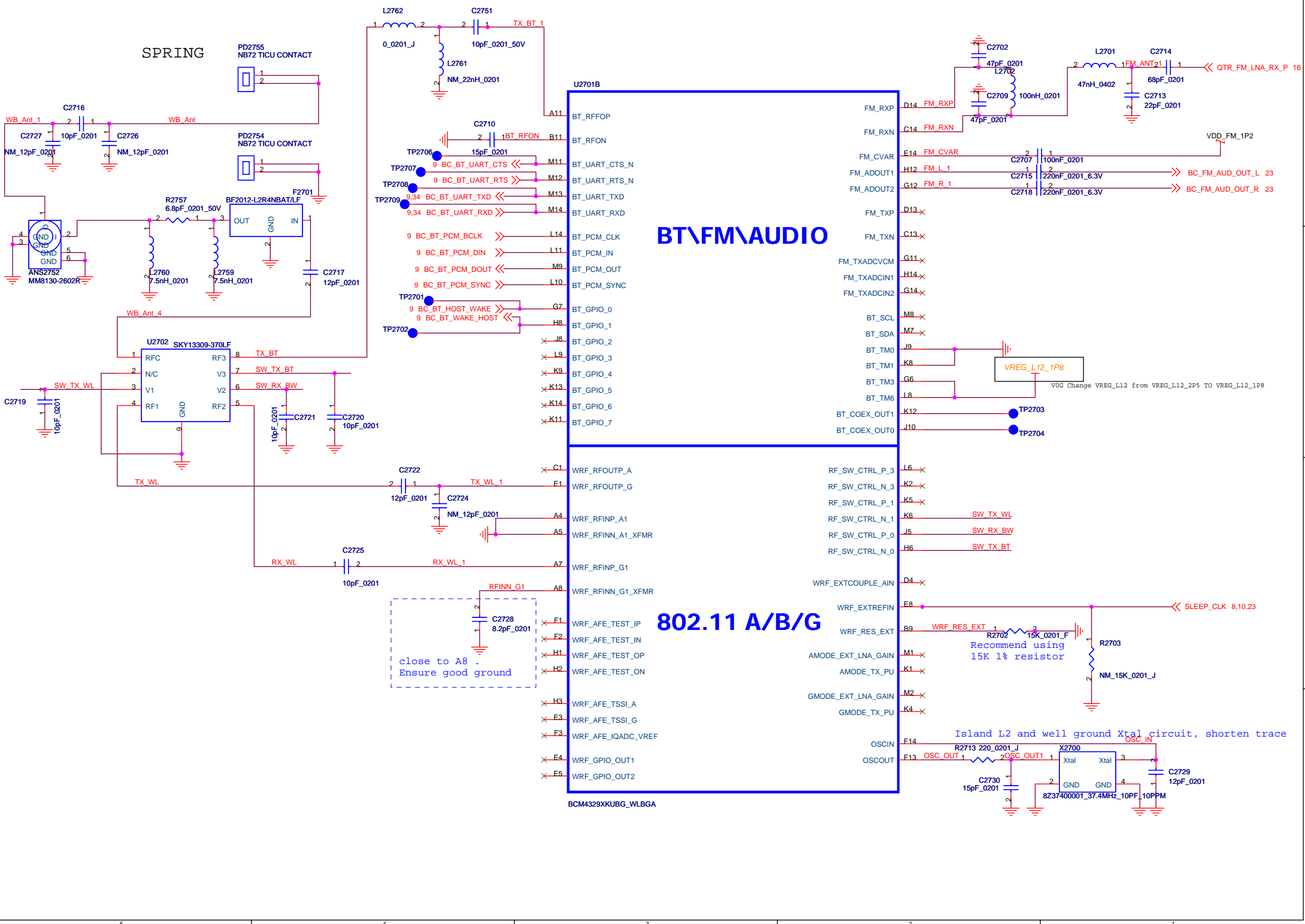
802.11 A/B/G

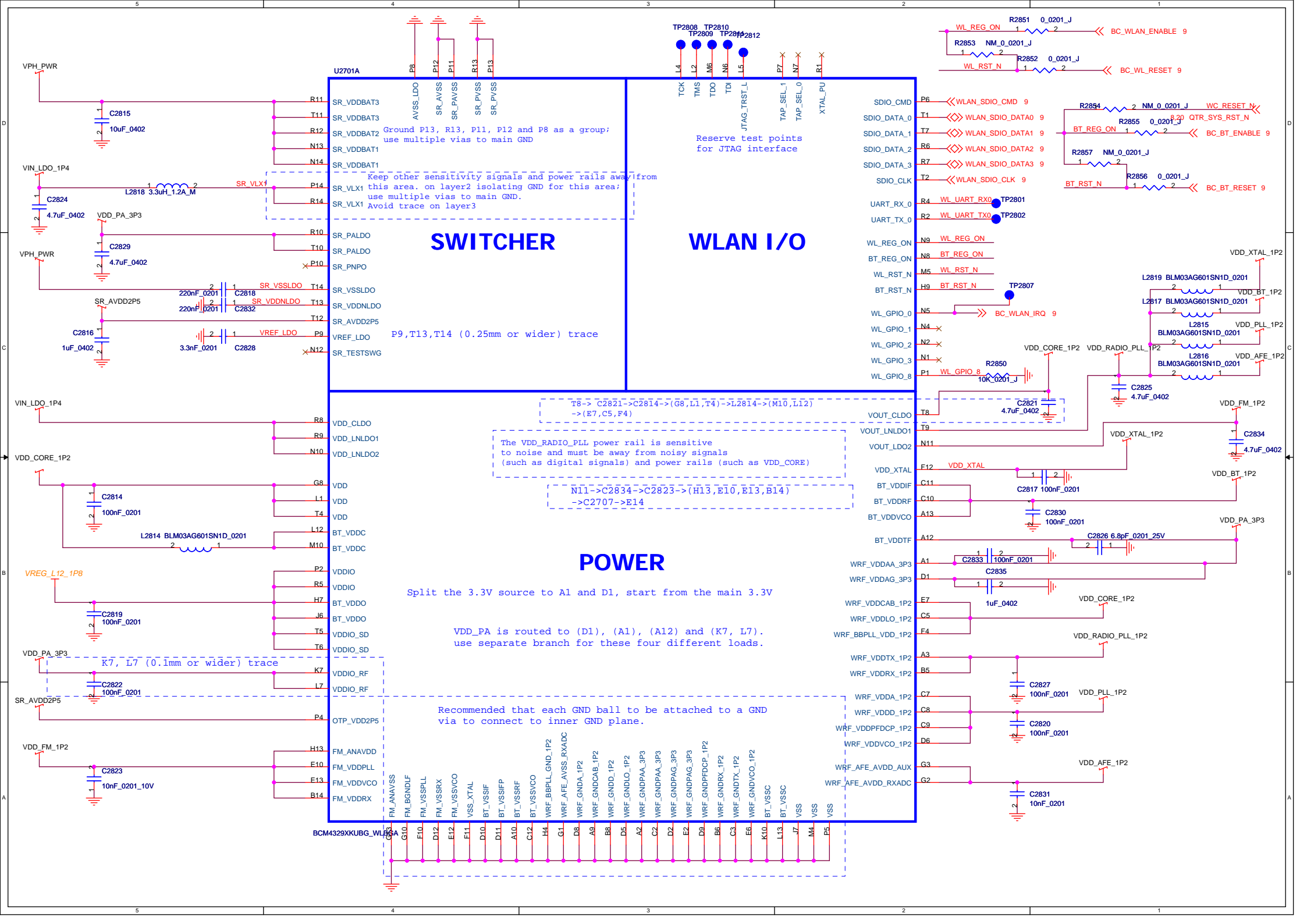
close to A8 .
Ensure good ground

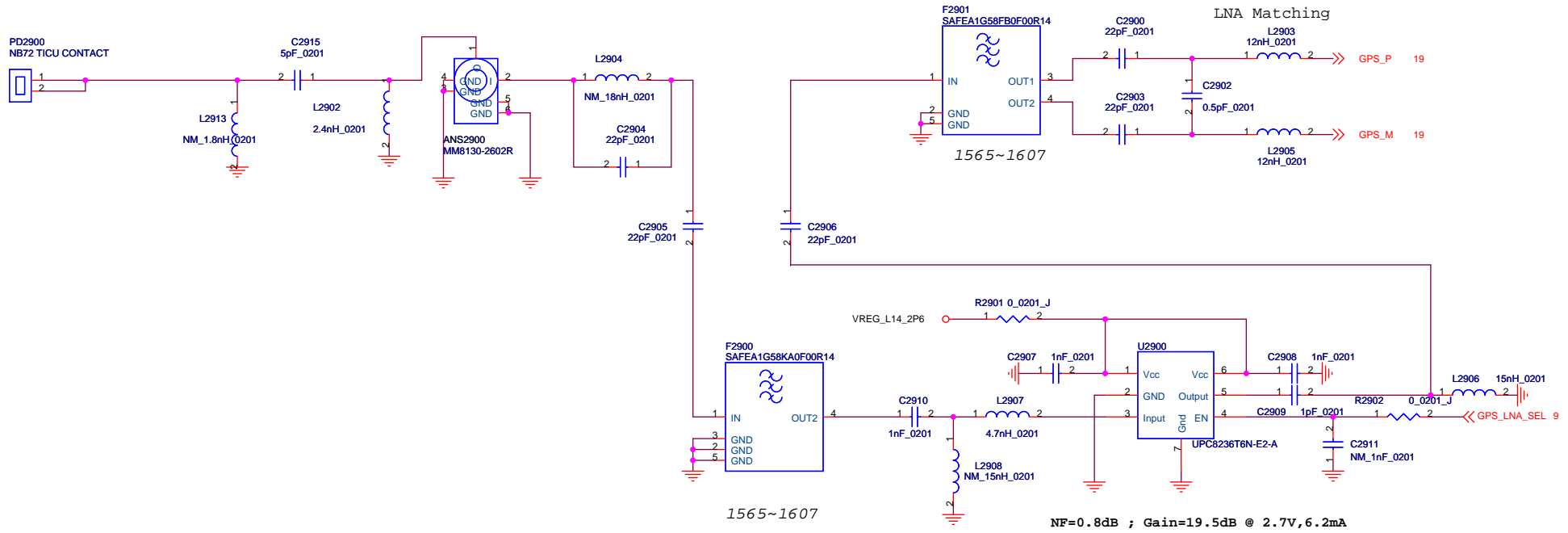
Island L2 and well ground Xtal circuit, shorten trace

Recommend using
15K 1% resistor

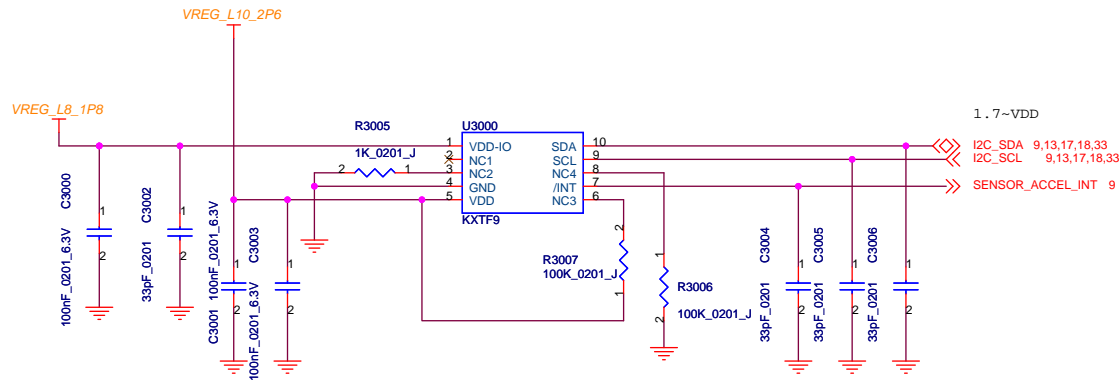
V0G Change VREG_L12 from VREG_L12_2P5 TO VREG_L12_1P8



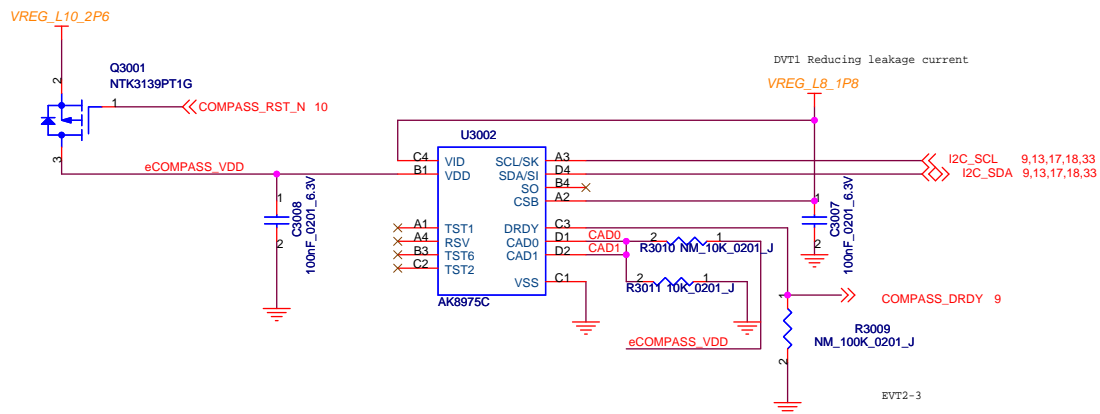


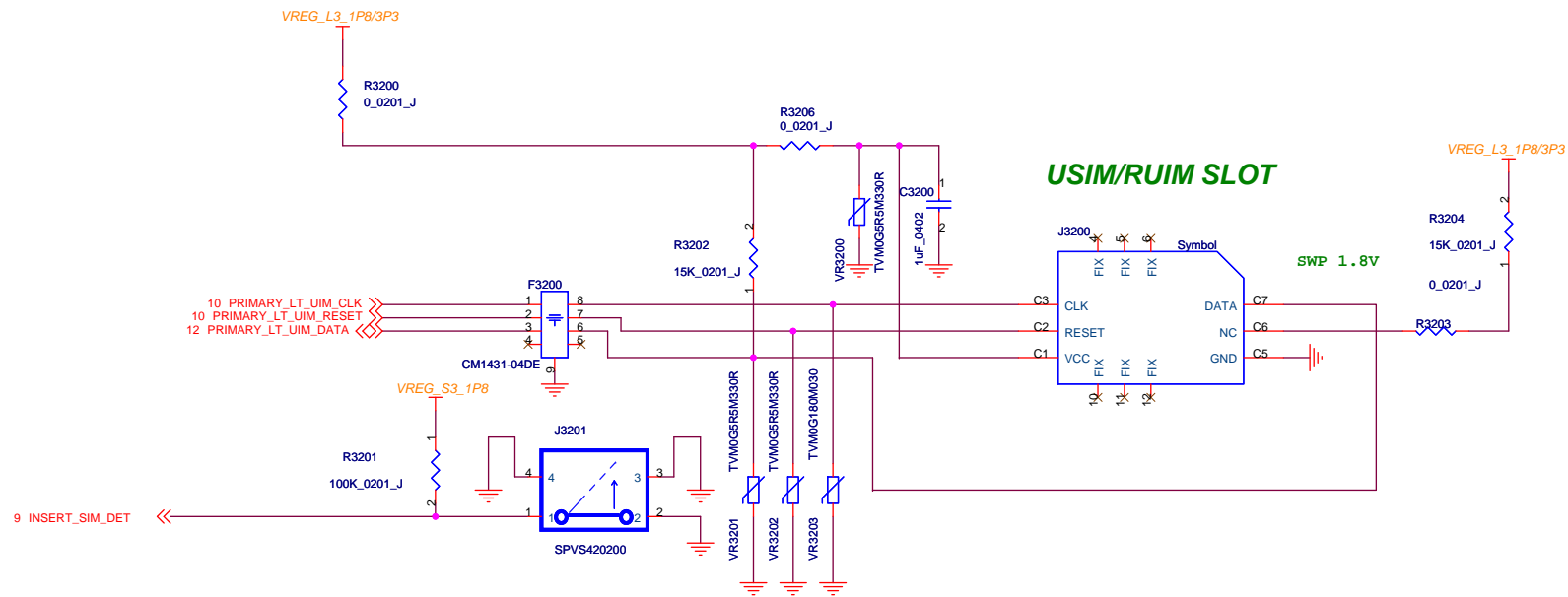


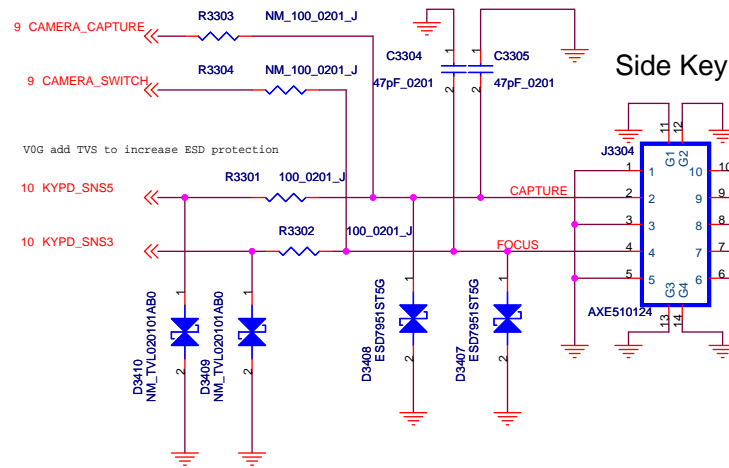
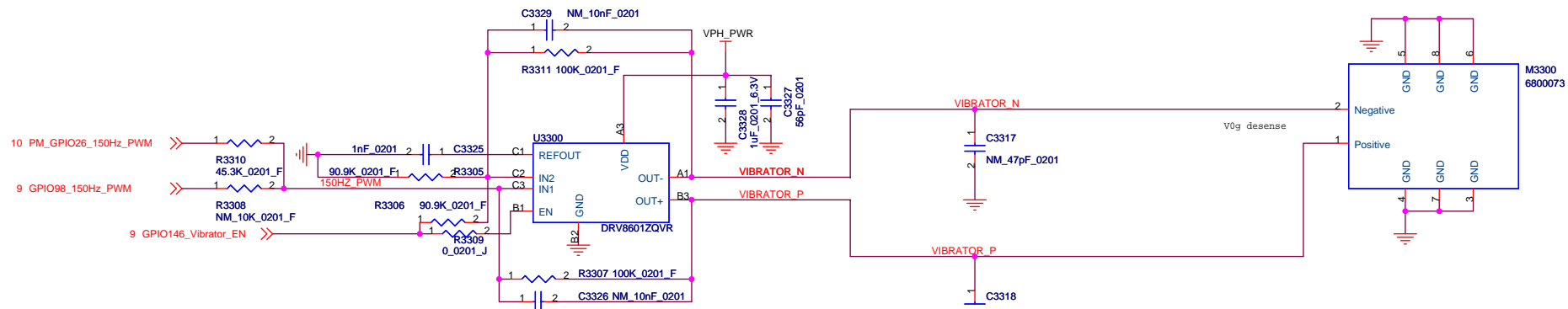
G-Sensor



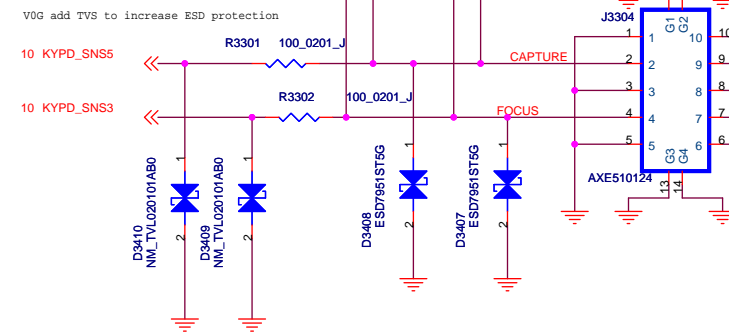
E-Compass



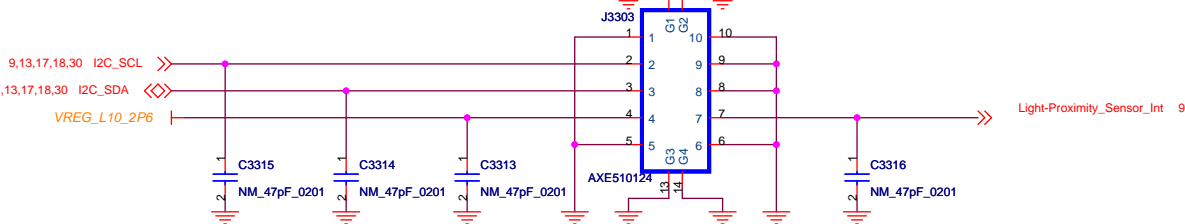




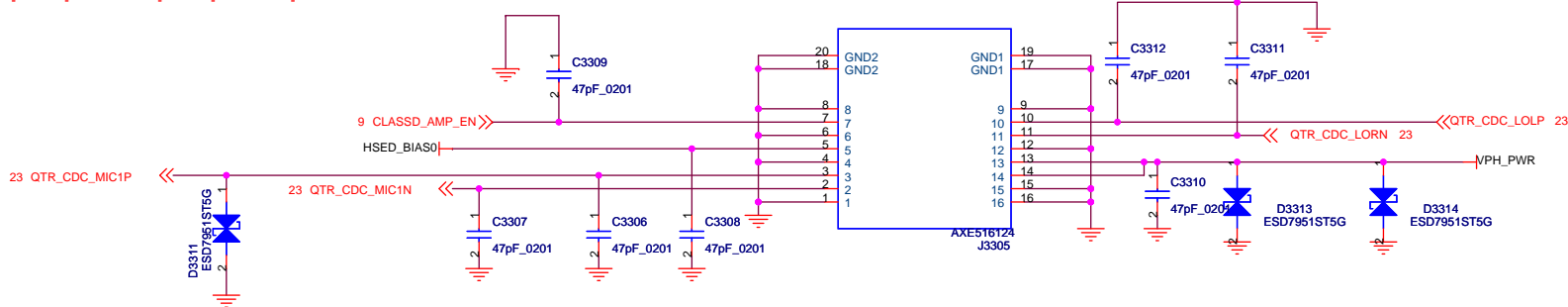
Side Key



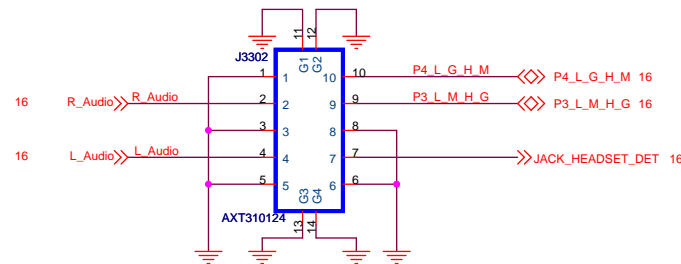
Light & Proximity

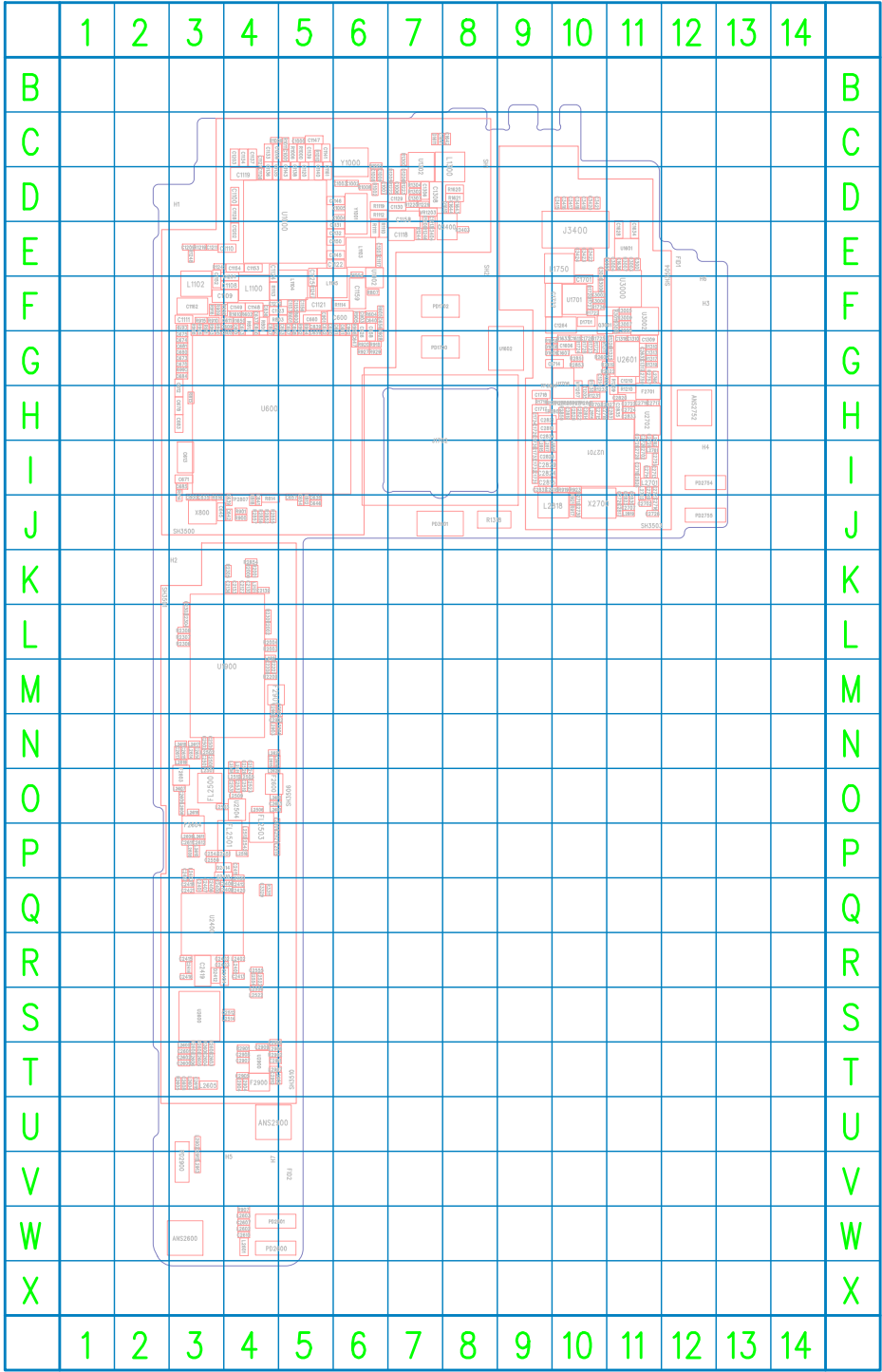


Microphone RIGHT & Speaker



Audio Jack





32.768KHz at
R1004

37.4MHz at R2713

24.576MHz at
C835

19.2MHz at R1010

